BELOV, G.G.

Answering readers' inquiries. Tekst.prom. 14 no.9:46-47 S '54.
(MLRA 7:11)

1. Direktor Gizlegproma.
(Textile industry--Study and teaching)

BELOV, G.G.

Technical publications should be brought up to the level of tasks as defined by the sixth five-year plan. Tekst.prom.16 no.4:65-68 Ap '56. (MLRA 9:7)

1.Direktor Gizlegproma.
(Textile industry)

BELOV, G.G.

More good books. Leg.prom. 16 no.5:54-55 My '56. (MLRA 9:8)

1. Direktor Gizlegproma.
(Bibliography--Russia--Manufactures)
(Russia--Manufactures--Bibliography)

BELOV, G. G.

USSR/General Problems. Methodology. History. Scientific Institutions and Conferences. Teaching. Problems of Bibliography and Scientific Documentation A

Abs Jour : Ref Zhur-Khimiya, No 4, 1958, 10219

Author : G. G. Belov
Inst : Not given
Title : The Cement Industry on the 40th Anniversary of the Great October

Orig Pub : Tsement, 1957, No 11, 13-19

Abstract : No abstract

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BELOV, G.G., insh.

Cement industry on the 40th anniversary of the Great October Revolution.
TSement 23 no.5:3-9 S-O '57. (MIRA 11:1)
(Cement industries)

15 (6)

AUTHOR: Belov, G. G.

TITLE: Basic Trends in the Development of the Cement Industry of the USSR (Osnovnyye napravleniya v razvitii tsementnoy promyshlennosti SSSR)

PERIODICAL: Tsement, 1959, Nr 1, pp 1 - 7 (USSR)

ABSTRACT: The article deals with measures to be taken in order to assure a cement output of 75 - 81 million tons in 1965. The increase in the output of cement during the Seven-Year Plan must reach about 50 million tons. The productive capacity of the cement industry must be extended by 55 million tons. During the last two years of the Seven-Year Plan, a productivity reserve of 15 million tons must be created. This will serve as an apportionment to a further increase in output after 1965. This immense program cannot be achieved by the addition of new plants only. The modernization of existing processes must also be taken into account. At several plants using rotary kilns 90 to 108 m long, the rate of the productivity is rather low.

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Basic Trends in the Development of the Cement Industry of the USSR

The specific heat expenditure attaining 2,000 kcal/kg of clinker is high. It is expected that a suitable modernization, to improve the heat balance, will result in an increase in productivity of approximately 30%, with a simultaneous decrease in prime cost by about 10 to 15%. The Tekhnologicheskaya Laboratoriya Giprotsementa (The Technological Laboratory of the State Planning Institute for Cement Industry Enterprises) has established the possibility and expediency of substituting blast-furnace granulated acid slag for clay, with the addition of diluting agents. Such a modification is justified in view of a high content of easily calcinating silicates in the slag and, of its reduced water requirement. This modification in the process must be introduced at the Magnitogorskiy tsementnyy zavod (Magnitogorsk Cement Plant) and at several other plants in the Urals and in Western Siberia. These plants are situated in the neighborhood of metallurgical works producing blast-furnace acid slags. At the Magnitogorsk Cement Plant such a change would mean a 15% increase in the output capacity, a 9% decrease in the prime cost, and a 16% increase in

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productivity. Cement productive capacity might be enlarged by 2 to 3%. The cement industry of the USSR owns several plants working on difficult-caking raw material mixture. The addition of a mineralizator such as fluosilicate (Na_2SiF_6 being a by-product of the fertilizer plants) increased production. In 1958, at the Pikalevskiy tsementnyy zavod (Pikalevo Cement Plant) the use of a mineralizator gave an increase in production of 4 - 6%. Such an addition will also improve the quality of cement. The Volkhovskiy Alyuminiyevyy Kombinat (The Volkhov Aluminum Combine) has applied a method of bilateral feeding of the rotary kilns. Dry dusts caught from the electrofilters are forced into the kiln at the hot end. The Sebryakovskiy tsementnyy zavod (The Sebryakovskiy Cement Plant) has applied a method of bilateral feeding of rotary kilns with the raw material mixture. The output per hour has increased by 5%. With this method, the quantity of raw material decreases and the kiln lining lasts longer. This process is to be integrated first in all cement plants fitted with electrofilters and using gas or fuel. At the Volkhov

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Cement Plant the use of nepheline slurry has raised the output of rotary kilns by about 30%, with a simultaneous decrease in fuel of 18%. Intensification of the calcination process and modernization of kilns, during the Seven-Year Plan, will result in an additional 15% increase of the total indispensable increase in production capacity of the cement industry. When dealing with the extension of plants, various factors ought to be considered. Important among these are: estimated regional cement consumption, local raw material deposits, transportation conditions, provision of handling and storage spaces, and the time factor resulting from the comparison between the periods necessary for reconstruction of existing and the building of new plants. New plants must be built in regions in which the possibilities of reconstruction and extention of new plants are exhausted. This building must go ahead in regions devoid of cement plants and wanting cement. Small cement plants might be useful in the borderland regions of the USSR such as Yakutsk ASSR, Sakhalin, Magadan. The idea of additional building of small plants in the central economic regions must be definitely

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rejected. At present, the cement industry produces (according to the 1958 plan) over 15 various types of cement. The main sorts are portland cement - 47%, slag-portland cement 35%, pozzuolanic cement - 15%. Consumers complain about the high stocks of slag portland cement in regions where much blast furnace slag is available (Urals, Western Siberia, Ukraine). Being a slow hardening material, it delays the output of semi-products and prestressed reinforced concrete products. The production of rapid hardening cement is only 6% of the total. This cannot cover the needs in cement of the oil and gas industries. The portland cement output must be half of the total cement production. The classification of cement according to its application is expressed in the standard mark numbers such as "300", "400", "460", "500", "600". In the European part of the USSR, the consumption of cement in 1965 will increase by 2.5 - 3 times as compared with 1957. In the Eastern regions such as the Kazakh SSR, Central Asia, Eastern Siberia, Far East the increase in cement consumption will be fourfold or fivefold by 1965. The supplying of cement to the Eastern regions at the time

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being is meeting with some difficulties. The Oblasts of Kustanay, Alma-Ata, Kokchetav possess unexplored raw material bases. In the meantime, transport must be effected on the basis of the so called between-region link. The provision of a reserve production capacity in neighboring working plants will also be helpful. Cement is being supplied to some regions (Kazakh SSR, Tadzhik SSR, Turkmen SSR, Eastern Siberia) from distant sources. The increase of cement production in these regions is urgent. The distribution of the cement industry must be improved and the transport radii reduced. The Ministerstvo geologii i okhrany nedr (Ministry of Geology and Conservation of Natural Resources) is to undertake geological searches in the following regions: the Far East, (Komsomol'sk - Sovetskaya Gavan'); in Eastern Siberia (Northern part of the Irkutsk region), in Kazakhstan (Kustanay, Kokchetav and Alma-Ata oblasts - in the latter the searches of the water sources must be directed at the Chil'-bastau area of the cement raw material deposits); in Western Siberia (Omsk Oblast - searches for clay and water sources must be directed at the neighborhood of the salt lake Kok-Sor).

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in the Urals (Udmurt ASSR); in the Northern Caucasus (Rostov Oblast); in the Volga area (additional searches in the Shegurovskoye deposit, in the region of the oil fields of the Tatar SSR); in the Center - Eastern zone (Vladimir and Kirov regions); in the North-West (Kola Peninsula). In agreement with Glavgaz (Main Directorate of the Gas Industry) attached to the Council of Ministers of the USSR, it has been decided that about 75% of the cement industry will use natural gas as fuel. The following exemplary gains will be obtained when using gas fuel in a new plant consisting of two rotary kilns of 4.0/5.0x170 m: a) a decrease in investment capital of 15,000,000 roubles, b) a decrease in weight of technical equipment of 850 tons, c) a decrease in the labor force resulting in a 7% increase in productivity, d) the prime cost per ton of cement will decrease by more than 4%. The author states that towards the end of the Seven-Year Plan the productive capacity of the reconstructed and new cement plants will attain a higher level than that obtained in newly established foreign

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Basic Trends in the Development of the Cement Industry of the USSR

cement plants.
There is 1 photograph.

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ILLEGIBLE

BELOV, G.I.

Without stopping the dredge. Rech.transp. 18 no.2:46 F '59.
(MIRA 12:4)

(Dredging)

BELOV, G.N.

Prospects for building new sugar factories in the Ukrainian S.S.R. Trudy KTIPP no.18:63-73 '57. (MIRA 13:1)
(Ukraine--Sugar industry)

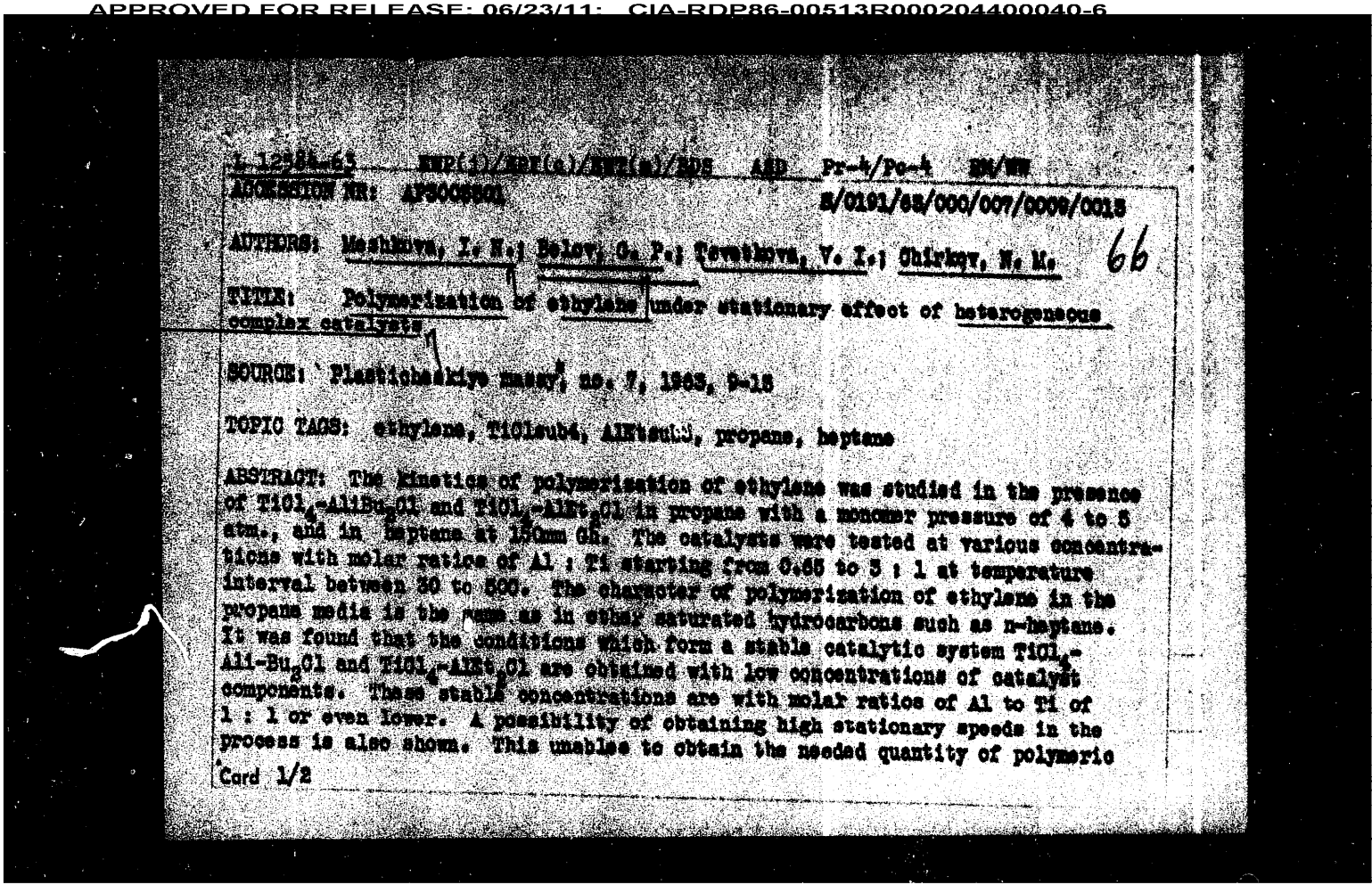
BELOV, G.N.

Prospects for the development of the sugar industry in the Ukrainian S. S. R. Trudy KTIPP no.23:9-18 '60. (MIRA 15:1)
(Ukraine--Sugar industry)

BELOV, G.P.

Stereospecific butadiene rubber. Kauch.i rez. 21 no.11:34-38 N '62. (MIRA 15:12)

1. Institut khimicheskoy fiziki AN SSSR.
(Rubber, Synthetic)



L 12384-63 EWP(j)/EPF(c)/EWT(m)/BDS AFFC Pr-4/Pc-4 RM/WW
ACCESSION NR: AP3005801 S/0191/63/000/007/0009/0013

AUTHORS: Meshkova, I. N.; Belov, G. P.; Tsvetkova, V. I.; Chirkov, N. M. 66

TITLE: Polymerization of ethylene under stationary effect of heterogeneous complex catalysts

SOURCE: Plasticheskiye massy, no. 7, 1963, 9-13

TOPIC TAGS: ethylene, $TiCl_4$-$AlBu_2Cl$, $TiCl_4$-$AlEt_2Cl$, propane, heptane

ABSTRACT: The kinetics of polymerization of ethylene was studied in the presence of $TiCl_4$-$AlBu_2Cl$ and $TiCl_4$-$AlEt_2Cl$ in propane with a monomer pressure of 4 to 5 atm., and in heptane at 150mm Hg. The catalysts were tested at various concentrations with molar ratios of Al : Ti starting from 0.65 to 3 : 1 at temperature interval between 30 to 80C. The character of polymerization of ethylene in the propane media is the same as in other saturated hydrocarbons such as n-heptane. It was found that the conditions which form a stable catalytic system $TiCl_4$-$AlBu_2Cl$ and $TiCl_4$-$AlEt_2Cl$ are obtained with low concentrations of catalyst components. These stable concentrations are with molar ratios of Al to Ti of 1 : 1 or even lower. A possibility of obtaining high stationary speeds in the process is also shown. This unables to obtain the needed quantity of polymeric

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L 12584-63
ACCESSION NR: AP3003301

product in a period of 2 to 4 hrs. using 0.4 to 0.7% of the total catalyst. The polyethylene obtained at stationary conditions with the $TiCl_4$-$AliBu_2Cl$ system in propane, has a characteristic viscosity of 3.5 to 4.2 in $100cm^3/g$, with the rupture stress of 320 to 330 kg force/cm^2 and relative elongation of 800-900%. Orig. art. has: 3 tables and 4 figures.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 30Jul63 ENCL: 00

SUB CODE: ML NO REF SOV: 004 OTHER: 000

Card 2/2

BELOV, G.P.

Ethylene-propylene rubber. Kauch. i rez. 23 no.2:38-45 F '64.
(MIRA 17:3)

1. Institut khimicheskoy fiziki AN SSSR.

SMORODINTSEV, A.A.; SHIKINA, Ye.S.; KOZELETSKAYA, M.N.; TIMIROVA, L.A.; BELOV, G.S.

Results of commercial preparation of a live antimumps vaccine. Trudy Len. inst. epid. i mikrobiol. 16:116-122 '58. (MIRA 16:8)

1. Iz virusologicheskoy laboratorii (zav. - chlen-korrespondent AMN SSSR prof. A.A. Smorodintsev) Instituta epidemiologii, mikrobiologii i gigiyeny imeni Pastera i laboratorii grippa (zav. - Yu. K. Petrov) Leningradskogo instituta vaktsin i syvorotok.

(MUMPS--PREVENTIVE INOCULATION)

BELOV, G.V.; SEDEL'NIKOV, V.I., red.; SHEBAK, A.V., tekhn. red.

[A guide to the Geology Pavion of the Exhibition of the Achievements of the National Economy of the U.S.S.R.] Putevoditel' pavil'ona "Geologiia" Vystavki dostizhenii narodnogo khoziaistva SSSR. Moskva, 1961. 14 p.
(MIRA 15:7)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR. Pavil'on "Geologiya."
(Moscow--Exhibitions) (Geology--Exhibitions)

BELOV, G.V., inzh.

Welding ferroaluminum flexibly suspended wires with rigid busbars. Energ. stroi. no.22:85-87 '61. (MIRA 15:7)

1. Vsesoyuznyy trest po montazhu elektrostantsiy, podstantsiy i sooruzheniyu liniy elektroperedach tsentral'nykh rayonov Glavelektroset'stroya Ministerstva stroitel'stva elektrostantsiy SSSR.

(Wire—Welding)

BELOV, G.V., inzh.

From practices in the assembly of factory-made shielded bus conductors. Energ.stroi. no.25:84-90 '61. (MIRA 15:4)

1. Trest "TSentroelektroset'stroy".
(Bus conductors (Electricity))

BELOV, G.V., inzh.

Wiring in open 35-500 kv. switchboard plants without using terminals. Energ. stroi. no.26:80-84 '61. (MIRA 15:7)

1. Vsesoyuznyy trest po montazhu elektrostantsiy, podstantsiy i sooruzheniyu liniy elektroperedach tsentral'nykh rayonov Glavelektrosetstroya Ministerstva stroitel'stva elektrostantsiy SSSR.
(Electric wiring)

BELOV, Georgiy Vasil'yevich; SMIRNOV, V.N., red.; SHIROKOVA, M.M., tekhn.red.

[Installation of electric current conductors in bus conductor boxes] Montazh tokoprovodov iz shin korobchatogo secheniia. Moskva, Gos.energ.izd-vo, 1961. 46 p. (Biblioteka elektromontera, no.50) (MIRA 14:12)

(Bus conductors (Electricity))
(Electric power distribution)

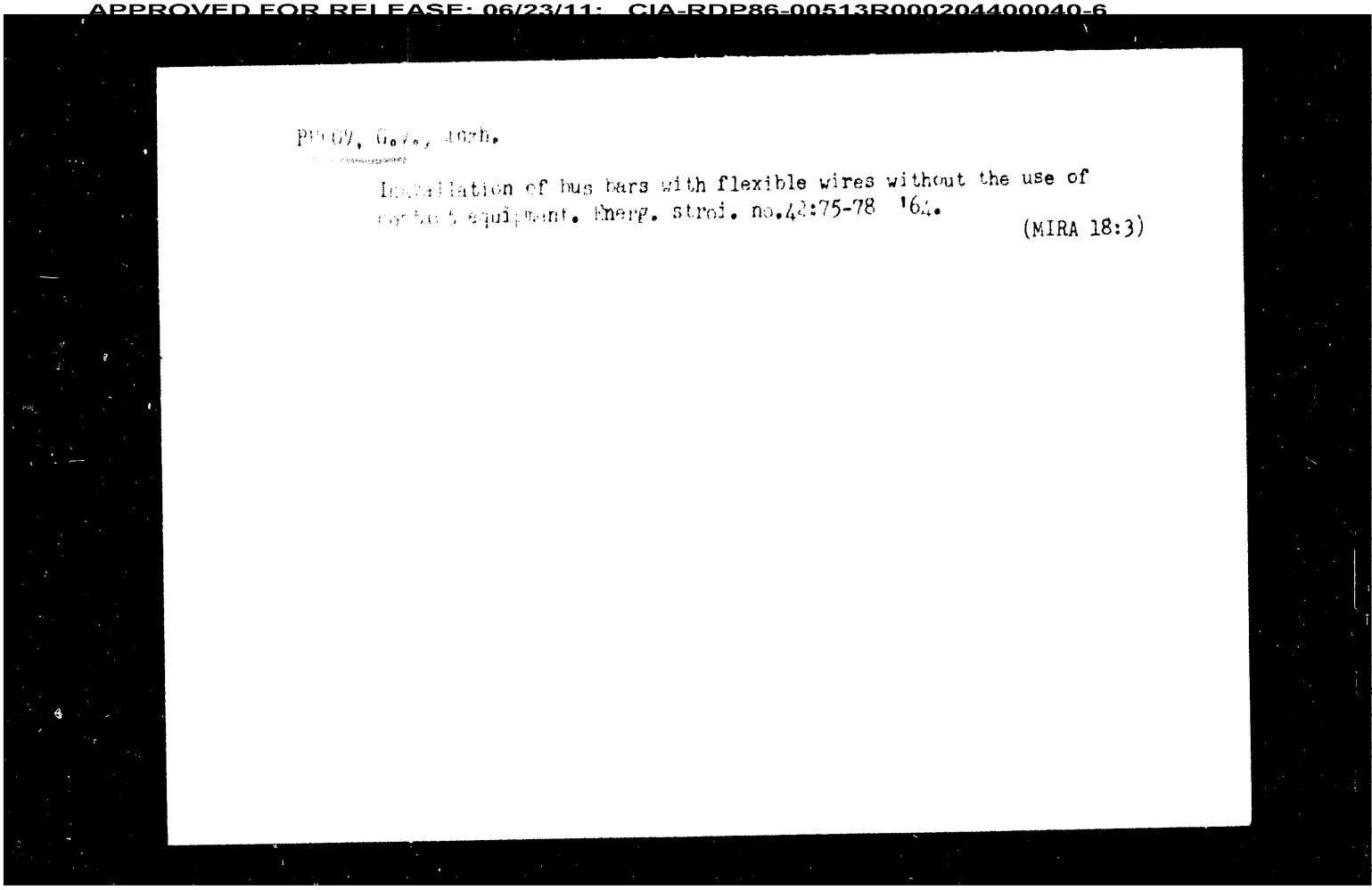
BELOV, Georgiy Vasil'yevich; RAYKH, I.Ya., inzh., red.; LEVCHIK, L.P., red.; LEBEDEVA, L.V., tekhn. red.

[Installation of 500 kv. air switch]Montazh vozdushnogo vykliuchatelia napriazheniem 500 kv. Moskva, Orgenergostroi, 1962. 51 p. (MIRA 15:12)

(Electric cutouts) (Electric lines--Overhead)

BELOV, G.V., inzh.

Welding of aluminum box-type busbars in the installation of electric current conductors. Energ. stroi no.39:78-82 '64.
(MIRA 17:11)



PI[illegible]OV, G.[illegible], inzh.

Installation of bus bars with flexible wires without the use of contact equipment. Energ. stroi. no.42:75-78 '64.

(MIRA 18:3)

ACC NR: AP7003166 (A) SOURCE CODE: UR/0294/66/004/006/0827/0831

AUTHOR: Belov, G. Ya.

ORG: none

TITLE: Measuring the thermal conductivity coefficients at high temperatures of heat-resistant materials

SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 6, 1966, 827-831

TOPIC TAGS: thermal conduction, thermal conductivity coefficient, heat resistant material, ~~thermal conductivity, thermal conductivity measuring~~ HEAT LOSS

ABSTRACT: A method of determining the thermal conductivity of heat-resistant materials at high temperatures is proposed. The method is based on measuring the unidimensional stationary heat flow and the temperature at one point of a specimen It is assumed that the approximate integral characteristics of heat-emitting surfaces of the specimen are known and that heat removal from the specimen occurs mainly by irradiation into a medium with a constant temperature. The accuracy of the proposed method was checked by comparing the thermal conductivity coefficients of graphite and aluminum-oxide coating determined by the new method with those obtained by other methods. It was found that discrepancies between the results did not exceed ±10% at temperatures above 1600K. [WA-88]

SUB CODE: 11, 14, 20/ SUBM DATE: 23Apr65/ ORIG REF: 001

Card 1/1

BELOV, I.

Working methods of Scientific Technical Societies. Tech praca 14 no.4:253-256 Ap '62.

1. Namestek predsedy Vsesvazove rady vedecko-technickych spolecnosti (VSNTO) SSSR.

BELOV, I., inzh.; GRIGOR'YEVA, O., inzh.

"Topaz-2" and "Start-2" pocket radios. Radio no.9:38-39 S'63.(MIRA 16:12)

1. Institut radioveshchatel'nogo priyema i akustiki imeni A.S. Popova.

BELOV, I., inzh.

Operation of ammonia condensers under winter conditions. Khol.tekh. 37 no.3:49-50 My-Je '60. (MIRA 13:7)
(Kostroma--Cold storage warehouses)
(Refrigeration and refrigerating machinery)

[illegible]OV, I.

20744. [illegible]ov, I. Za [illegible]'nyye [illegible] (v [illegible]-instrumental'noy promyshlenn[illegible]). Prof. soyuzy, 194[illegible], [illegible].

SO: [illegible] Zhurnal'nykh Statey - Vol. [illegible], Moskva, 194[illegible]

BELOV, I.

Vagony vedet elektrovoz. Zheleznaia doroga Batumi-Tbilisi. [Electric engine leads the cars. Electric railroad Batum-Tiflis]. (In Zemlia sovet-skaia. Moskva, 1950, p. 419).
DLC: DK18.Z4

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

BELOV, I.

Construction Industry

Merger of the construction trusts, Gov. fin, 13, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified

BELOV, I., zamestitel' predsedatelya.

Worker's technical training in machine-tool plants. Prof. soiuzy 8 no. 6:40-44 Je '53. (MLRA 6:5)

1. Tsentral'nyy komitet profsoyuza rabochikh mashinostroyeniya. (Technical education)

BELOV, I.

More about the consolidation of construction organizations.
Fin.SSSR 18 no.2:74-75 F '57. (MLRA 10:5)

1.Upravlyayushchiy Altayskoy krayevoy kontoroy Prombanka.
(Construction costs)

BELOV, I.

Strengthen control over construction projects financed by State Bank branches. Fin.SSSR 18 no.9:68 S '57. (MIRA 10:10)

1. Upravlyayushchiy Altayskoy krayevoy kontoroy Prombanka.
(Altai Territory--Banks and banking)

BELOV, I.

Great objectives are before us. Kryl.rod. 12 no.3:4-6 Mr '61.
(MIRA 14:6)

1. Zamestitel' predsedatelya TSentral'nogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu SSSR.
(Aeronautics as recreation)

BELOV, I.

Increase the efficiency of primary organizations of scientific and technological societies. NTO 5 no.7:2-3 Jl '63. (MIRA 16:8)

1. Zamestitel' predsedatelya Vsesoyuznogo soveta nauchno-tekhnicheskikh obshchestv.
(Technical societies)

BELOV, I.; SMIRNOV, V.

Red spider control. Zashch. rast. ot vred. i bol. [illegible] 3:
39 '65. (MIRA 19:1)

1. Nachal'nik Ul'yanovskogo otryada po zashchite rasteniy (for Belov). 2. Glavnyy agronom Ul'yanovskogo plodopitomnicheskogo sovkhoza (for Smirnov).

USSR /Chemical Technology. Chemical Products and Their Application I-5

Soda Industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31232

Author : Belov I.A., Lyakhovick A.B., Gromova Ye. T.

Inst : All-Union Institute of the Soda Industry

Title : Carbonization of Ammonized Solutions of Common Salt at Elevated Pressure of Carbon Dioxide

Orig Pub: Tr. Vses. in-ta sodovoy prom-sti, 1955, 8, 50-55

Abstract: Increase of CO_2 pressure to 30 atmospheres, gauge pressure, in the lower stages of carbonization (up to 120%) increases sharply the rate of absorption; with increasing degree of carbonization, acceleration of the process slows down. On

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USSR /Chemical Technology. Chemical Products and Their Application I-5

Soda Industry

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 31232

increase of CO_2 pressure above 30 atmospheres, gauge pressure, during the lower stages of carbonization, the rate of absorption decreases. Increase of CO_2 pressure at the same temperature level, raises the extent of utilization of Na. On increase of pressure in carbonization columns by 1 atmosphere, gauge pressure, extent of utilization of Na is increased by about 1%, while the rate of absorption is increased by 1.5 times.

Card 2/2

MARTYNOV, V.F.; BELOV, I.B.

Compounds containing a three-membered oxide ring. Part 27: Reactions of ethyl esters of some β-disubstituted glycidic acids with hydrazone hydrate. Zhur.ob.khim. 31 no.5:1509-1510 My '61. (MIRA 14:5)

1. Leningradskiy gosudarstvennyy universitet.
(Glycidic acid) (Hydrazine)

MARTYNOV, V.F.; BELOV, I.B.

Compounds containing three-membered oxide ring. Part 24: Interaction of esters of β-aryl-substituted glycidic acids with hydrazine hydrate. Zhur.ob.khim. 32 no.6:1734-1738 Je '62. (MIRA 15:6)

1. Leningradskiy gosudarstvennyy universitet.
(Glycidic acid) (Hydrazine)

MARTYNOV, V.F.; BELOV, I.B.

Compounds containing a three-membered oxide cycle. Part 30: Determination of epoxide oxygen in glycidic esters. Zhur.ob.khim. 32 no.7:2341-2345 Jl '62. (MIRA 15:7)

1. Leningradskiy gosudarstvennyy universitet.
(Glycidic acid) (Oxygen--Analysis)

MARTYNOV, V.F.; BELOV, I.B.

Reaction of ethyl esters of α-halocinnamic acids with hydrazine hydrate. Zhur.ob.khim. 33 no.4:1092-1095 Ap '63. (MIRA 16:5)

1. Leningradskiy gosudarstvennyy universitet.
(Cinnamic acid) (Hydrazine)

MARTYNOV, V.F.; BELOV, I.B.

Compounds containing a three-membered oxide ring. Preparation of N-unsubstituted hydroxypyrazolidones. Zhur. ob. khim. 33 no.8:2461-2464 Ag '63. (MIRA 16:11)

1. Leningradskiy gosudarstvennyy universitet.

BELOV, I.D., inzh.

Improved methods for winding high-tensile wire. Bet.i zhel.-bet. no.6:274-275 Je '60. (MIRA 13:7)
(Wire)

PELC', I.F.

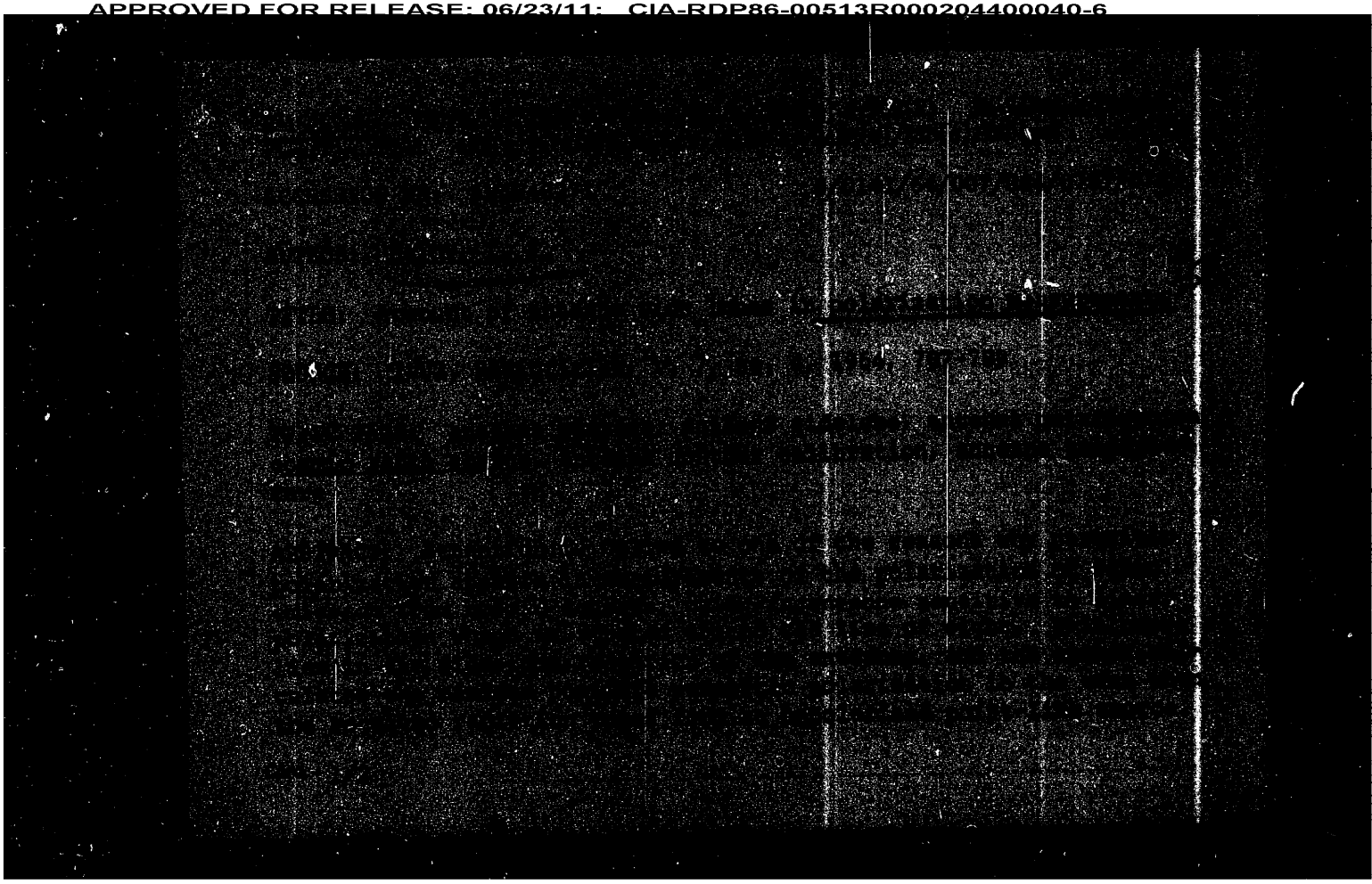
Measuring the polarization of solar radio-frequency radiation due to the total magnetic field of the sun. Izv. vys. ucheb. zav., radiofiz. 3 no.4:[illegible] '60. (MIRA 13:6)

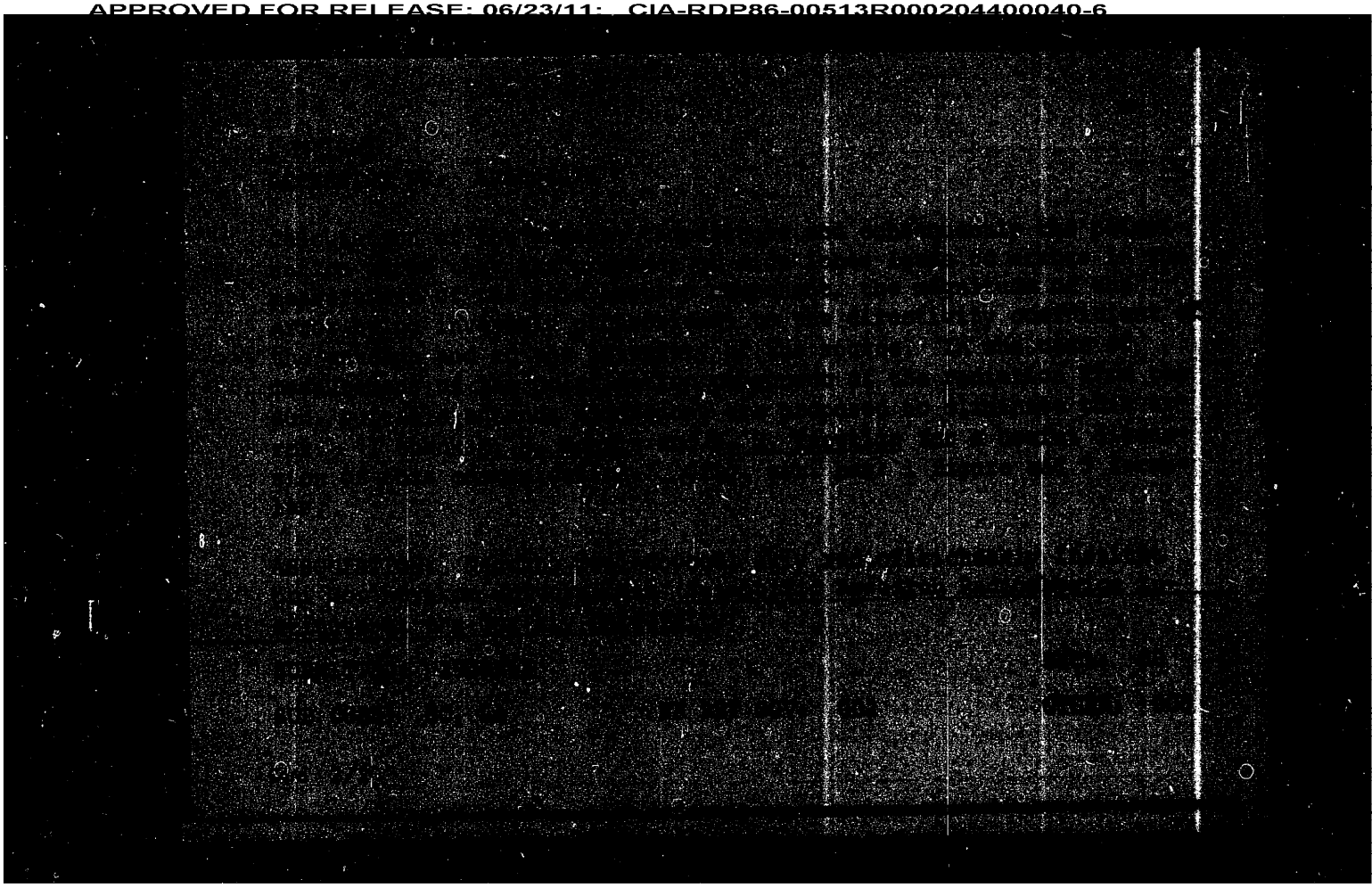
1. Nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete.

BELOV, I.F., MILLER, M.A.M and POBEDONOSTSEV, V.N.

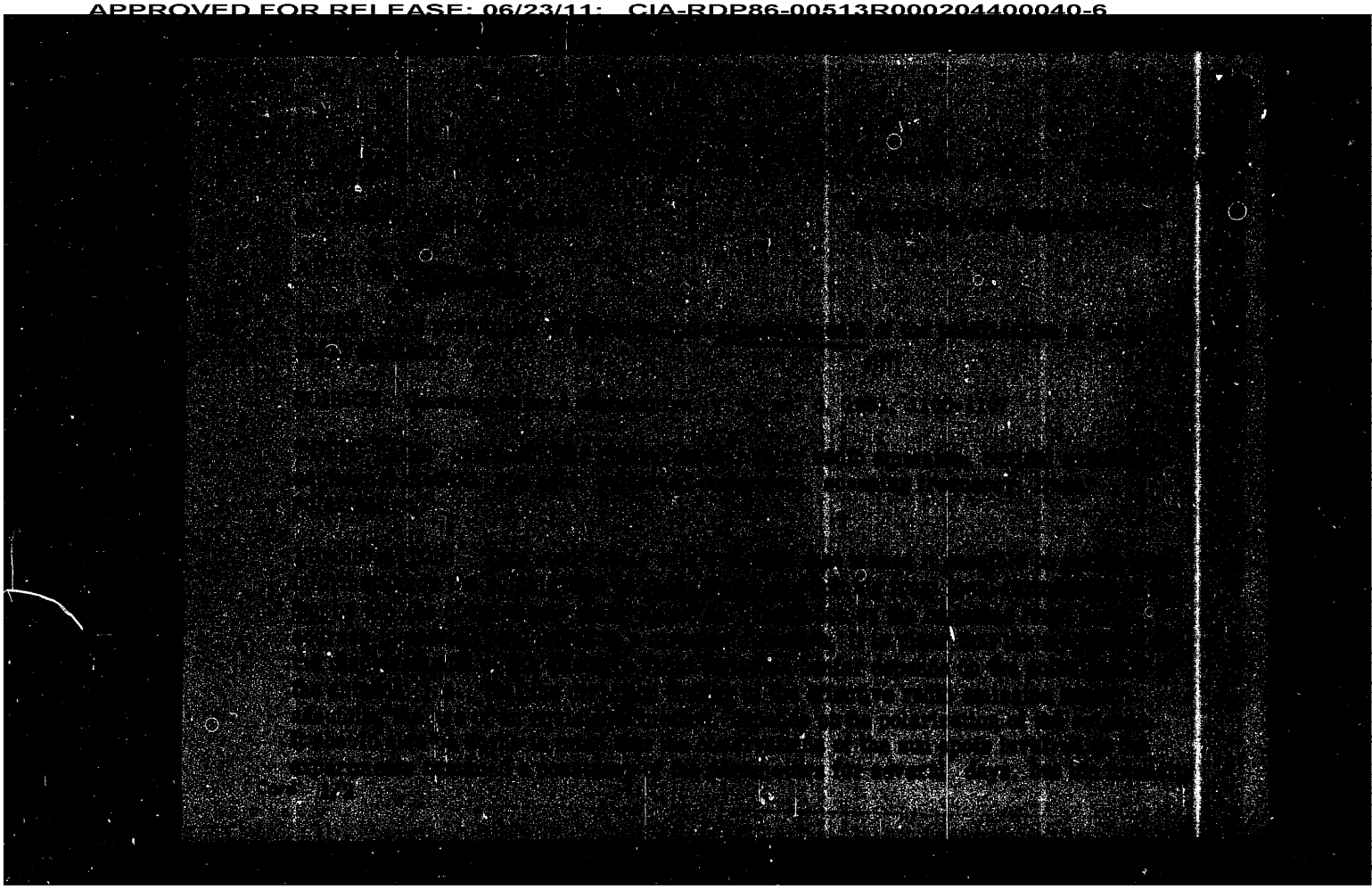
"Measurement of Tension Distribution along Slit Antennas" Uch. Zap. Gorkovsk. Un-ta, 27 1954, 135-145

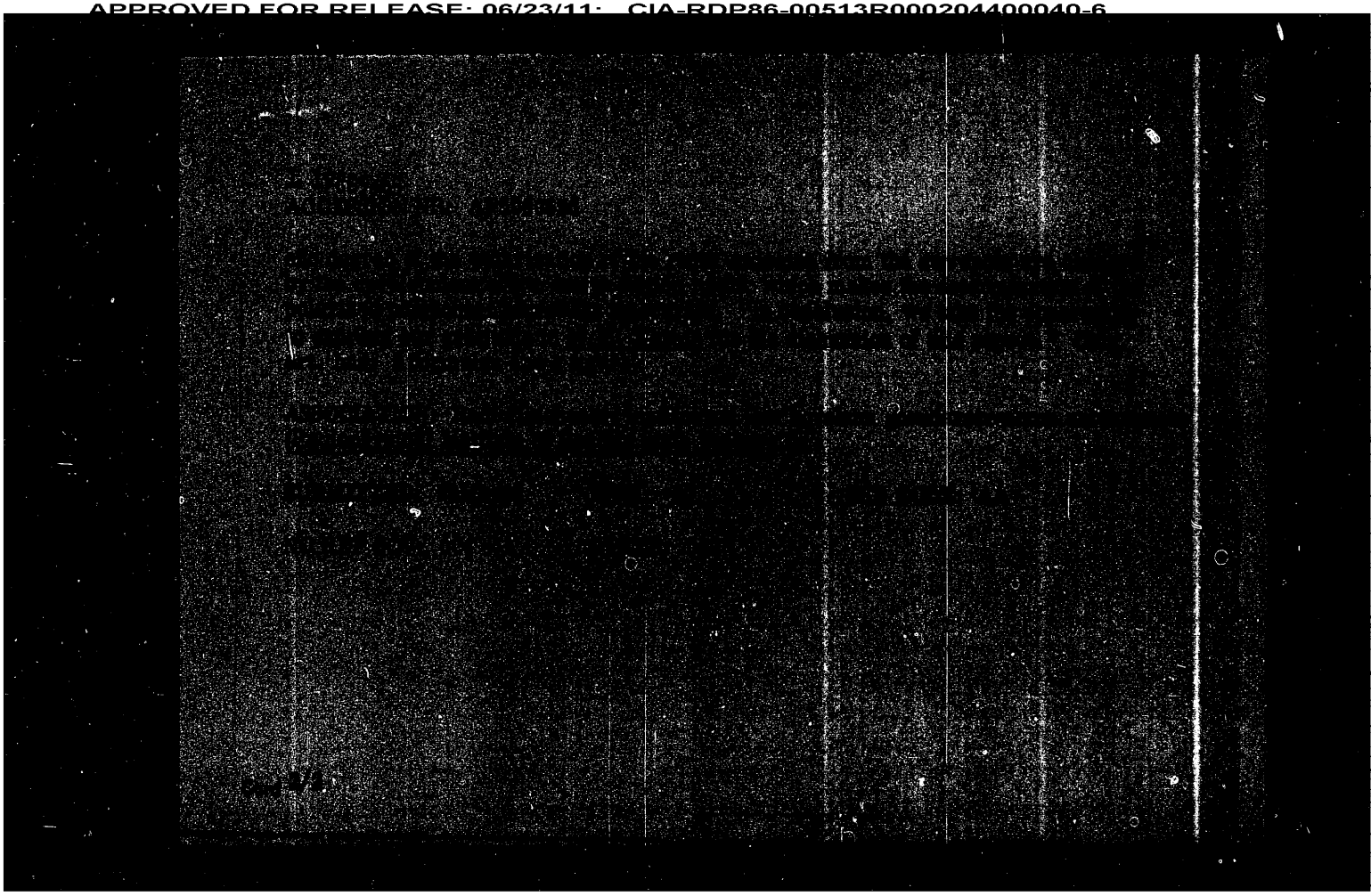
The measuring equipment was similar to that used by Barzilai, G., (Proc. I.R.E., 37, 7, 1949: Mortia, T., Proc, I?R.E., 38, 8, 1950). The measurements were carried out on tuned and out of tune slits on flat screens. In case of unloaded slits the effect of the source, a metallic vibrator, on the tension distribution along the slit was syudied and the conditions at which the tension distribution is sinusoidal were established. The experimental graphs of distribution functions were in agreement with theoretical results for thin antennas, Some divergenc e was observed at the slit ends only. (RZhFiz, No 11, 1955)





APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000204400040-6





APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000204400040-6

BELOV, I.F.

Feasibility of noneclipse measurements of the [illegible] of polarization of solar radio-frequency radiation. [illegible] 1107 N-D '64. (MIRA 18:[illegible])

1. Radiofizicheskiy institut pri Gor'kovskom [illegible] universitete.

BELOV, I.F.

Allowing for the effect of antenna side lobes in polarization measurements. Izv.vys.ucheb.zav.; radiofiz. 7 no.4:787-789 '64.
(MIRA 18:1)

1. Nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete.

ILLEGIBLE

ILLEGIBLE

BELOV, I.F.

KUZ'MIN, L.M.; FINKEL'SHTEYN, I.I.; MIZONOVA, A.I.; BELOV, I.F.

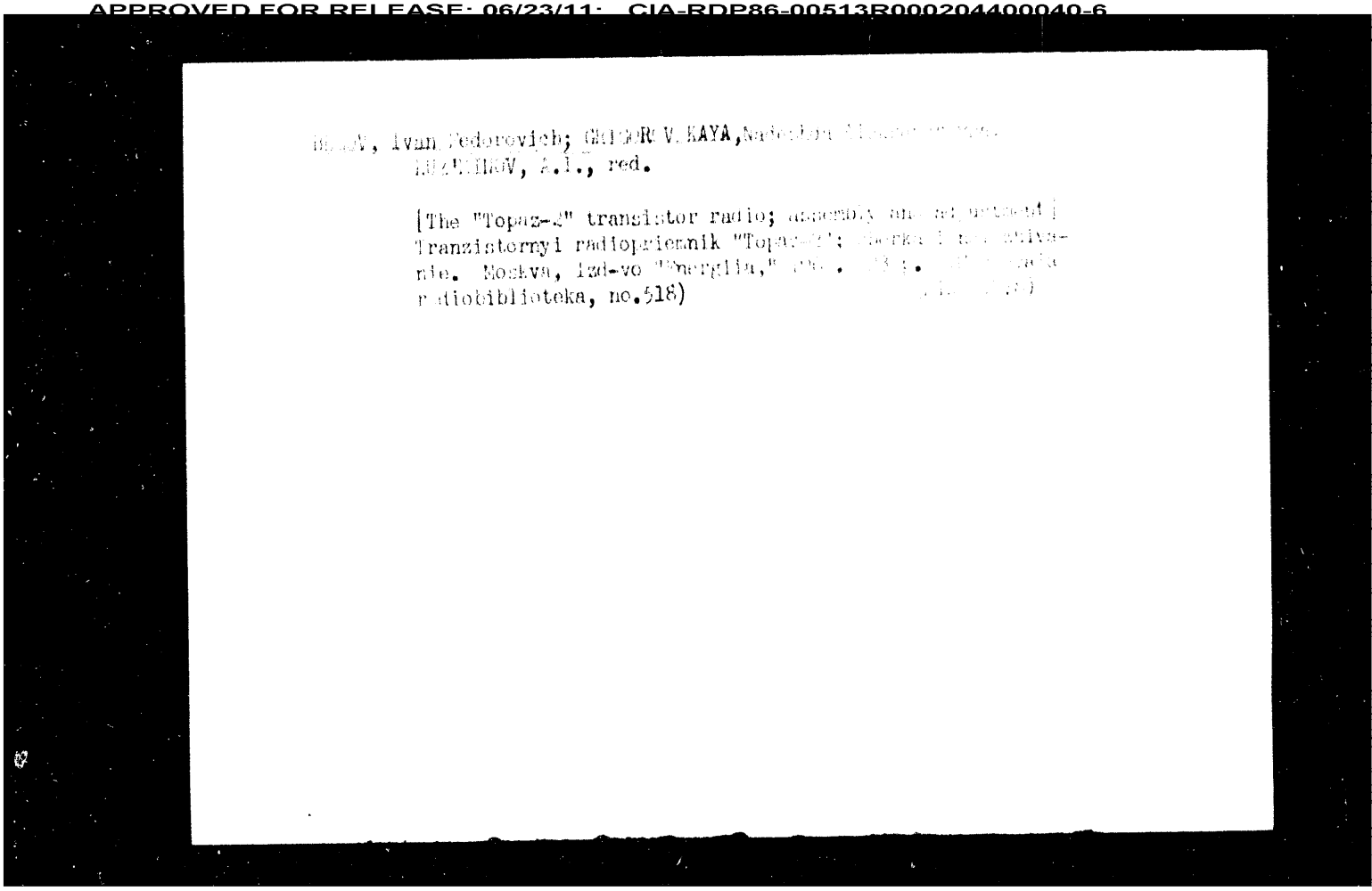
Studying the operation of saw-toothed drums in the front section of single-process pickers during table feeding. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.2:94-99 '58. (MIRA 11:5)

1. Ivanovskiy tekstil'nyy institut.
(Cotton machinery)

BELOV, I.F.; VOLKOV, A.V.; FABRIKOV, V.I.

Electric machine stopping after breakage or slippage of the sliver on roving machines. Izv.vyz.ucheb.zav.;tekh.tekst.prom. no.5:129-131 '60. (MIRA 13:11)

1. Ivanovskiy tekstil'nyy institut imeni M.V.Frunze.
(Spinning machinery)



[illegible], Ivan Fedorovich; GRIGOROVSKAYA, Nadezhda [illegible]

[illegible], A.I., red.

[The "Topaz-2" transistor radio; assembly and adjustment] Tranzistornyi radiopriemnik "Topaz-2"; sborka i [illegible] nie. Moskva, Izd-vo "Energiia," [illegible]. [illegible] radiobiblioteka, no.518)

BELOV, IVAN GEORGIEVICH

Prakticheskie osnovy dinamometrirovaniia. Baku, Aznefteizdat, 1947. 108 p. diagrs.

At head of title: Azerbaidzhanskii nauchno-issledovatel'skii institut po dobyche nefti.

Practical principles of dynamometry.

DLC: TJ1053.B4

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

BELOV, I.G.

Belov, I.G. "Mass construction of low-storey houses in Makeyevk and Yenakiyevo," Byulleten' stroit. tekhniki, 1948, No. 23, p. 16-20

SO: U-2888 , Letopis Zhurnal'nykh Statey, No. 1, 1949

BELOV, I. G.

Theoretical Foundations of the Dynamometrization of Dept Pumps

The author considers several methods of obtaining information about the operation of a depth pump based on dynamographic data at the point of suspension of the pump's main rod. He comments on the influence of various factors on the form of the dynamograms. An earlier treatment of this subject had been presented by I. A. Charnyy (Izv. AN SSSR, Otd. Tekhn. n, 1949, No. 6). (RZhMekh, No. 6, 1955) Tr. Azerb. n.-i. in-ta po Dobyche Nefti. No. 1, 1954, 153-185

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

BELOV, I.G.; LEBEDEV, V.V.

Causes of petroleum losses when switching wells from flow production to pumping method. Trudy VNII no.17:142-147 '58.
(MIRA 12:1)
(Krasnodar Territory--Petroleum engineering)

BELOV, Irinarkh Georgiyevich; LATUKHINA, Ye.I., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Investigating the performance of deep-well pumps by means of a dynamograph] Issledovanie raboty glubinnykh nasosov dinamografom. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 127 p. (MIRA 13:11)
(Pumping machinery--Testing) (Dynamometer)

BELOV, I.G., KULISH, G.M.

Site selection for stress transmitters in remote dynamometric systems. Neft. khoz. 38 no.3:28-31 Mr '60. (MIRA 13:7)
(Strains and stresses) (Remote control)

PHASE I BOOK EXPLOITATION SOV/4933

Belov, Irinarkh Georgiyevich

Issledovaniye raboty glubinnykh nasosov dinamografom (Investigation of Deep-Well Pump Operations by Means of a Dynamograph) Moscow, Gostoptekhizdat, 1960. 127 p. 4,100 copies printed.

Executive Ed.: Ye. I. Latukhina; Tech. Ed.: I. G. Fedotova.

PURPOSE: This book is intended for engineering and technical personnel of the petroleum industry and may also be used as a textbook by students of petroleum tekhnikums and schools of higher education.

COVERAGE: The book presents theoretical and practical foundations for interpreting dynamograms of deep-well pump operation. Theoretical dynamograms are systematically considered in order to illustrate the various factors which affect pump operation and govern the shape of the dynamogram. Characteristics of the shapes of theoretical dynamograms are illustrated by a large number of dynamograms obtained from actual oil wells in various petroleum regions. Normal and abnormal

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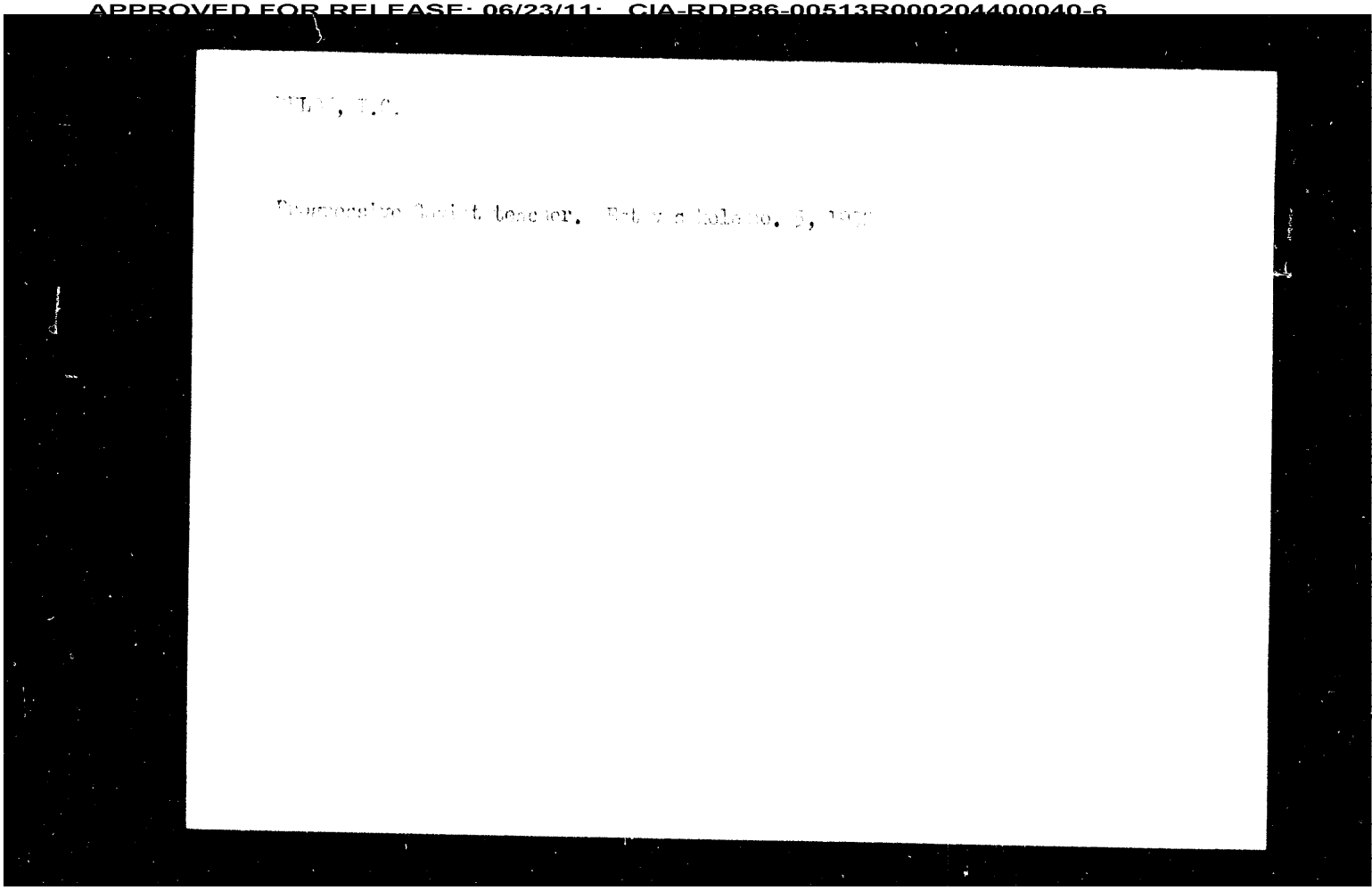
conditions are considered including the effects of leakage and mechanical troubles. Dynamograms for liquid pumping and pumping of a liquid mixed with a gas are treated. Theory of interpretation is presented as applied to dynamograms recorded by dynamographs of the portable type or by remote-control installations with a similar recording principle. The book presents in first place the theory of deciphering remote-control recorded dynamograms produced by the PKS-3 system which records the variation of force with respect to time. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:



BELOV, I.G.

Botany lessons. Est.v shkole no.1:42-54 Ja-F '54. (MLRA 6:12)

1. Moskovskiy oblastnoy pedagogicheskiy institut.
(Botany--Study and teaching)

BELOV, I.G.

Study plan on the subject: "Seeds, sowing. Seed germination."
Est. v shkole no.4:45-58 Jl-Ag '54. (MLRA 7:8)

1. Moskovskiy oblastnoy pedagogicheskiy institut.
(Plants--Reproduction) (Germination)

BELOV, I.G.

"School fruit and vegetable garden." A.G. Reznichenko. Reviewed by I.G. Belov. Est.v shkole no.3:91-92 My-Je '56. (MLRA 9:8)
(School gardens) (Reznichenko, A.G.)

BELOV, I. G. Cand Ped Sci -- (diss) "The System of ~~Various Type~~ Varietyped Lessons in Botany in the Fifth Class and the ~~Foundations~~ principles for Our a Rational ~~Preparation~~ Organization and Conduct, ~~of These Lessons.~~" Mos, 1957. 16 pp 22 cm. (Min of Education RSFSR, Mos Oblast Pedagogical Inst), 110 copies (KL, 27-57, 111)

BELOV, I. G.

BELOV, I. G.

Methods of conducting spring excursions in nature. Biol.v shkole no.2:28-32 Mr-Ap '57. (MLRA 10:5)

1.Moskovskiy oblastnoy pedagogicheskiy institut.
(Nature study)

BELOV, I.G.

Elements of technical education in botany classes. Politekh. obuch. no.2:35-40 F '58. (MIRA 11:1)

1.Moskovskiy oblastnoy pedagogicheskiy institut.
(Botany--Study and teaching)
(Agriculture--Study and teaching)

BELOV, I.G.

Lessons in studying the subject "Leaves; formation of organic substances in plants." Biol.v shkole no.6:28-35 N-D '59. (MIRA 13:3)

1. Moskovskiy oblastnoy pedagogicheskiy institut.
(Leaves)
(Photosynthesis) (Botany--Study and teaching)

BELOV, I.G.

On the new study program for the section "Plants." Biol.v shkole no.5:12-16 S-O '59. (MIRA 13:8)

1. Moskovskiy oblastnoy pedagogicheskiy institut.
(Botany--Study and teaching)

BELOV, I.G.

Central section on the methods of teaching biology of the Pedagogical Society of the R.S.F.S.R. Biol. v shkole no.4:90-91 Jl-Ag '61. (MIRA 14:7)

1. Predsedatel' TSentral'noy sektsii metodiki biologii Pedagogicheskogo obshchestva RSFSR.
(Biology--Study and teaching)

BELOV, I.G.

Central methods section for the teaching of biology of the Pedagogical Society of the T.S.F.S.R. Biol. v shkole no.2:92 Mr-Ap '62. (MIRA 15:2)

1. Predsedatel' TSentral'noy sektsii metodiki biologii Pedagogicheskogo obshchestva RSFSR.
(Biology--Study and teaching)

[illegible]OV, [illegible]. [illegible].

Kholo[illegible] [illegible] [illegible] [illegible]. [illegible], [illegible], [illegible].
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Cold rolling of [illegible]-iron [illegible].

[illegible]: Manufacturing and Mechanical Engineering in the [illegible],
Library of Congress, [illegible].

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BELOV, I.I., inzh.

Spring protector for coal feeders. Energetik 5 no.9:14 S '57.
(MIRA 10:10)

(Steam power plants)

BELOV, I.I.; SIDORIN, V.G.; KORZHIKHINA, T.P.; SHOLOKHOVA, N.P.; ZHURAVLEV, D.P., red.; GAVRILOV, A.N., red.; FEDOROV, N.A., red.; IZHBOLDINA, S.I., tekhn. red.

[Risen from ruins; documents and papers about the reconstruction and development of Volgograd, 1943-1960]Podniatyi iz ruin; sbornik dokumentov i materialov o vosstanovlenii i razvitii Volgograda, 1943-1960 gg. Volgograd, Volgogradskoe knizhnoe izd-vo, 1962. 369 p. (MIRA 16:2)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Volgogradskiy oblastnoy komitet. Partiynyy arkhiv.
(Volgograd--Civic improvement)

KHILOV, K.L., zaslushennyy deyatel' nauki prof.; ZAKHAROVA, O.F.; BELOV, I.M.

Asymmetry of hearing in the prognosis of fenestration of the labyrinth in otosclerosis. Zhur. ush., nos. i gorl. bol. 20 no.6:49-53 N-D '60. (MIRA 15:2)

1. Kafedra bolezney ukha, gorla i nosa Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(LABYRINTH (EAR)—SURGERY) (OTOSCLEROSIS)

BELOV, I.M.

Methods of binaural tests in the functional prognosis of the surgical treatment of otosclerosis. Vest. otorin. 25 no.5: 50-54 S-O '63. (MIRA 17:4)

1. Iz kafedry otorinolaringologii (nachal'nik - zasluzhennyy deyatel' nauki prof. K.L.Khilov) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova, Leningrad.

BELOV, I.N.

The MK-8 reserve power source unit. Avtom.,telem.i sviaz' no.5:33 My '57. (MLRA 10:7)

1. Starshiy elektromekhanik Smolenskoy distantsii Kalininskoy dorogi.
(Railroads--Electric equipment)

HELON, I.P.

Servicing machinery during an Antarctic voyage. Blok.agit.vod.transp. no.14:26-32 Jl '56. (MLRA 9:9)

1.Glavnyy mekhanik dizel'elektrokhoda "Ob'".
(Antarctic regions--Ships--Equipment and supplies)

SOV/120-59-4-16/50

AUTHORS: Belov, I. P., Kalugin, K. S., Keirim-Markus, I. B., Nikiforov, V. I., Poroshina, M. S.

TITLE: The ILK-3 Individual Luminescence Dosimeter

PERIODICAL: Pribory i tekhnika eksperimenta, 1959, Nr 4, pp 74-80 (USSR)

ABSTRACT: The apparatus is an improved form of one described in 1955 (Ref 1 - Session of the USSR Academy of Sciences on the Peaceful Uses of Atomic Energy - available in English). The main new features are that an improved phosphor is used, and that a very much better recording circuit has been developed. The phosphor is not described in detail, but is a $CaSO_4$-Mn one.

It is not sensitive to daylight, and so the badges can be handled under normal lighting. Fig 5 shows how the readings decay with time after a single dose at various temperatures (given on the curves, top half of the figure; the abscissa is in days). The second half of this figure shows the effects of changing the temperature. Fig 6 shows the dose response curves (I is for X-rays; II is for ^{60}Co γ-rays; the abscissa scales are in kr). The two parts of Fig 7 show the hardness response; curve 0 is for unfiltered radiation, while curves 1 to 3 indicate the thicknesses of the Cd filters (in mm);

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The ILK-3 Individual Luminescence Dosimeter

the meanings of the rest of the caption are clear. (The abscissa is in MeV). Fig 4 shows the electrical circuit. The apparatus discharges the phosphor by means of a flash of infrared light; the resulting light flash is recorded by the photomultiplier and is integrated by the circuits to give the dose received. Fig 2 shows the shutter system used to insert the badges into the photometer head; Fig 3 shows that head. The paper contains 7 figures and 6 references, all of which are Soviet.

SUBMITTED: June 3, 1958.

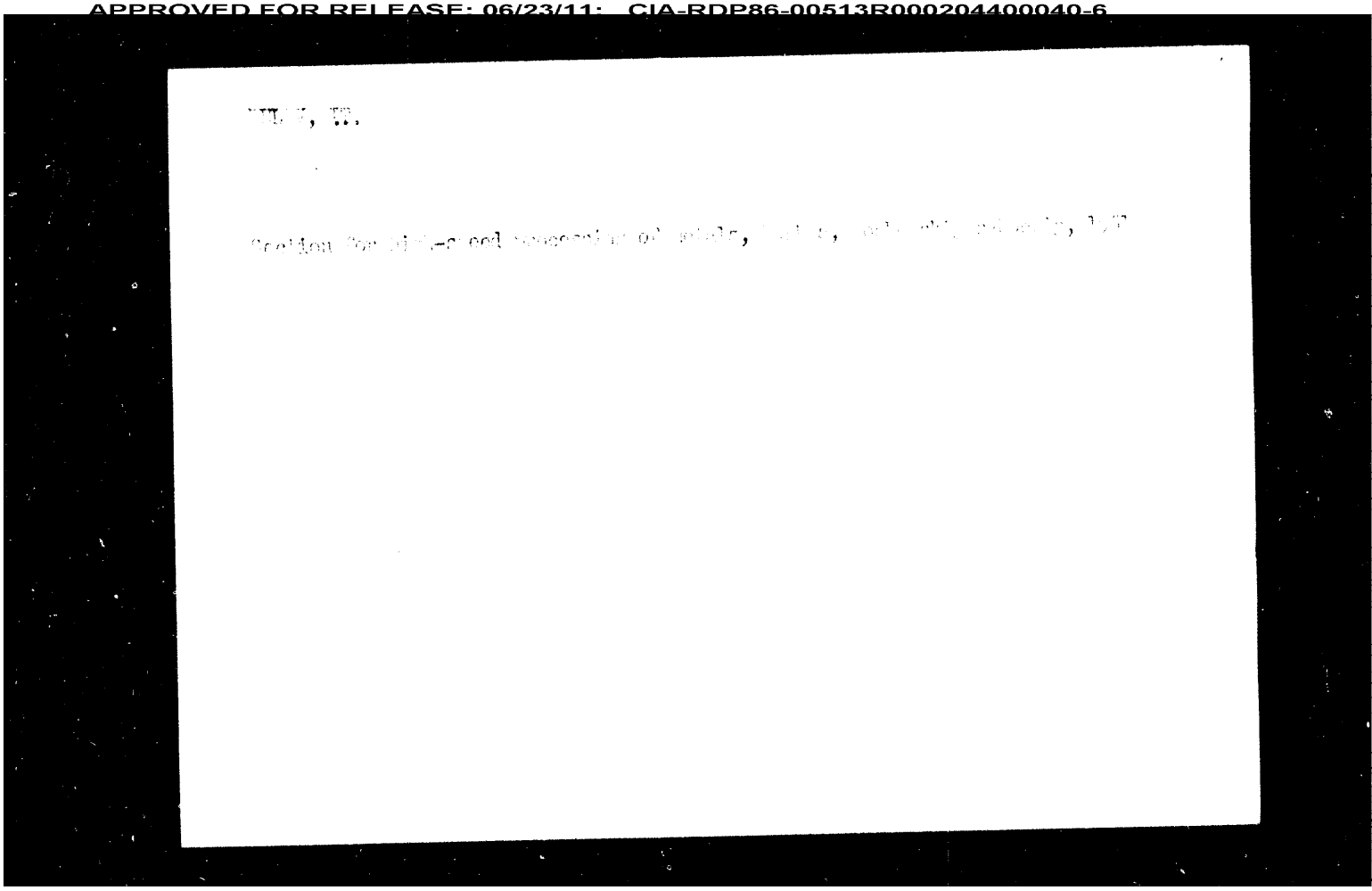
BONDARENKOV, Konstantin Andreyevich; BELOV, Ivan Pavlovich;
CHUPAKHIN, N.M., spets. red.; KRESTYANINOVA, Ye.N., red.;
CHICHKOV, N.V., red.; MAMONTOVA, N.N., tekhn. red.

[Assembly of ammonia refrigerating plants]Montazh ammiachnykh kholodil'nykh ustanovok; prakticheskoe rukovodstvo. Moskva, Gostorgizdat, 1962. 199 p. (MIRA 15:10)
(Refrigeration and refrigerating machinery)

BELOV, I.S.

Single-zone drafting mechanism with a curved field of drafting for roving machines. Tekst. prom. 21 no.1:72 Ja '61. (MIRA 14:3)

1. Nachal'nik pryadil'nogo proizvodstva fabriki No.1 imeni Shagova.
(Spinning machinery)



MAVRODINOV, N.; BELOV, IU; MILKOV, Kh.; POPNIKOLOV, S.

Discussion on our experience with patients with heart disease examined by classical clinical methods from the viewpoint of valvulotomy. Suvr. med. 14 no.1:3-7 '63.

(MITRAL STENOSIS) (RHEUMATIC HEART DISEASE)
(HEART SURGERY) (HEART CATHETERIZATION)
(ELECTROCARDIOGRAPHY) (PHONOCARDIOGRAPHY)

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BELOV, I.V., kandidat ekonomicheskikh nauk.

On the possible shortening of the regulation time for freight deliveries. Zhel.dor.transp. 37 no.5:45-48 My '56. (MLRA 9:8)
(Railroads--Freight)

BELOV, I.V.

Plan of a course on Fedorov groups for higher technical schools.
Kristallografiia 3 no.6:765-772 '58. (MIRA 12:2)

1. Institut kristallografii AN SSSR.
(Crystallography, Mathematical)

BELOV, I.V., dotsent, kand.ekon.nauk; BOROVOY, N.Ye., dotsent, kand.tekhn. nauk; VINNICHENKO, N.G., dotsent, kand.ekon.nauk; RAYKHER, G.S., inzh.; KHANUKOV, Yevgeniy Davydovich, prof., doktor ekon.nauk; KHOKHLOV, N.F., dotsent, kand.ekon.nauk; PESKOVA, L.N., red.; KHITROV, P.A., tekhn.red.

[Economics of railroad transportation] Ekonomika zheleznodorozhnogo transporta. Pod obshchei red. E.D.Khanukova. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960. 298 p. (MIRA 14:3)
(Railroads--Finance)